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July 23, 1984

# press release

FOR RELEASE A.M. MONDAY, JULY 30, 1984

McLean, VA, July 30, 1984 -- U.S. machine tool orders rose 91% in the first half of 1984, to $1,365,250,000, compared to the same period a year ago, according to data released today by the National Machine Tool Builders' Association. Shipments for metal cutting and metal forming machine tools, at $1,023,750,000, were up a slight 7% from levels in 1983 -- which was the worst year for the industry in modern history.

For the month of June, orders were down 40% at $192,150,000, while shipments declined 2% from May's value at $205,450,000. Order backlogs also decreased during the month to a level of $1,386,200,000.

"With shipments still at extremely low levels, the industry is now experiencing the full impact of last year's devastating order shortfall," said Association president James A. Gray. "This year's increase in orders provides some hope for the future," Gray added, "but the advantages are only on paper for the hundreds of machine tool companies with severe cash flow problems."

Contact:
Charles Pollock

national machine tool builders association

-over-

"Today, many of these companies are becoming distributors for foreign manufacturers," Gray said, "while others are moving offshore, and still others are getting out of the business entirely." Gray predicted this trend would soon produce, "a permanently disabled machine tool industry. And considering the defense-essential nature of this industry," Gray warned, "its demise would also result in a permanently weakened U.S. industrial base."

Gray again called for an immediate decision on NMTBA's national security petition, which has been in the hands of the President since February 28, following a recommendation from Commerce Secretary Baldrige to impose temporary limits on machine tool imports to enable the domestic industry to boost its production capacity to acceptable levels.

For the month of June, metal cutting machine tool orders dropped 30% at $131,800,000. Shipments in the category rose a slight 1% to a level of $152,250,000. For the first half of 1984, metal cutting orders increased by 85% at $912,800,000, while shipments declined 4% at $701,850,000.

Net new orders in the metal forming category declined 54% in June at $60,350,000, while shipments dropped 11% at $53,200,000. For the first six months of the year, metal forming orders rose 105% at $452,450,000, while shipments were up 41% at $321,900,000.

# # # #

# COMPARISON CHART

## NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

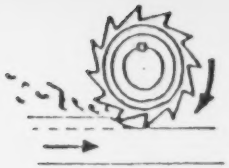
| | METAL CUTTING | | | METAL FORMING | | | TOTAL Cutting and Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | Domestic | Foreign | Total | Domestic | Foreign | Total | Domestic | Foreign | Total |
| June 1984 | 110,550 | 21,250 | 131,800 | 56,800 | 3,550 | 60,350 | 167,350 | 24,800 | 192,150 |
| May 1984 | 167,500 | 20,950 | 188,450 | 124,400 | 6,700 | 131,100 | 291,900 | 27,650 | 319,550 |
| % Change | | | | | | | | | |
| June 1984:May 1984 | -34.0 | +1.4 | -30.1 | -54.3 | -47.0 | -54.0 | -42.7 | -10.3 | -39.9 |
| June 1983 | 88,450 | 8,000 | 96,450 | 41,100 | 7,700 | 48,800 | 129,550 | 15,700 | 145,250 |
| % Change | | | | | | | | | |
| June 1984:June 1983 | +25.0 | +165.6 | +36.7 | +38.2 | -53.9 | +23.7 | +29.2 | +58.0 | +32.3 |
| Year To Date 1984 | 789,850 | 122,950 | 912,800 | 422,900 | 29,550 | 452,450 | 1,212,750 | 152,500 | 1,365,250 |
| Year To Date 1983 | 456,150 | 37,250 | 493,400 | 196,100 | 24,450 | 220,550 | 652,250 | 61,700 | 713,950 |
| % Change | | | | | | | | | |
| 1984 : 1983 | +73.2 | +230.1 | +85.0 | +115.7 | +20.9 | +105.1 | +85.9 | +147.2 | +91.2 |

## SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

| | METAL CUTTING | | | METAL FORMING | | | TOTAL Cutting and Forming | | |
|---|---|---|---|---|---|---|---|---|---|
| | Domestic | Foreign | Total | Domestic | Foreign | Total | Domestic | Foreign | Total |
| June 1984 | 138,800 | 13,450 | 152,250 | 43,450 | 9,750 | 53,200 | 182,250 | 23,200 | 205,450 |
| May 1984 | 142,100 | 7,900 | 150,000 | 52,300 | 7,750 | 60,050 | 194,400 | 15,650 | 210,050 |
| % Change | | | | | | | | | |
| June 1984:May 1984 | -2.3 | +70.3 | +1.5 | -16.9 | +25.8 | -11.4 | -6.3 | +48.2 | -2.2 |
| June 1983 | 119,050 | 26,700 | 145,750 | 33,100 | 4,150 | 37,250 | 152,150 | 30,850 | 183,000 |
| % Change | | | | | | | | | |
| June 1984:June 1983 | +16.6 | -49.6 | +4.5 | +31.3 | +134.9 | +42.8 | +19.8 | -24.8 | +12.3 |
| Year To Date 1984 | 646,600 | 55,250 | 701,850 | 284,000 | 37,900 | 321,900 | 930,600 | 93,150 | 1,023,750 |
| Year To Date 1983 | 638,000 | 90,100 | 728,100 | 204,150 | 24,850 | 229,000 | 842,150 | 114,950 | 957,100 |
| % Change | | | | | | | | | |
| 1984 : 1983 | +1.3 | -38.7 | -3.6 | +39.1 | +52.5 | +40.6 | +10.5 | -19.0 | +7.0 |

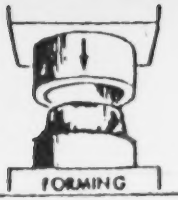
Source: National Machine Tool Builders' Association

Form No. PRCC-2



CUTTING

# TOTAL INDUSTRY ESTIMATE
## MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog



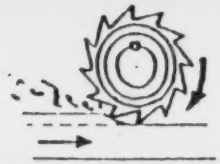

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 175,550,000 | $ 13,550,000 | $ 189,100,000 | 1,120.85 | $ 100,900,000 | $ 12,050,000 | $ 112,950,000 |
| Feb. | $ 187,700,000 | $ 15,200,000 | $ 202,900,000 | 1,176.45 | $ 135,700,000 | $ 11,600,000 | $ 147,300,000 |
| Mar. | $ 188,650,000 | $ 19,800,000 | $ 208,450,000 | 1,195.65 | $ 172,350,000 | $ 16,900,000 | $ 189,250,000 |
| Apr. | $ 201,600,000 | $ 51,500,000 | $ 253,100,000 | 1,290.00 | $ 145,000,000 | $ 13,750,000 | $ 158,750,000 |
| May | $ 291,900,000 | $ 27,650,000 | $ 319,550,000 | 1,399.50 | $ 194,400,000 | $ 15,650,000 | $ 210,050,000 |
| June (p) | $ 167,350,000 | $ 24,800,000 | $ 192,150,000 | 1,386.20 | $ 182,250,000 | $ 23,200,000 | $ 205,450,000 |
| 6 Mos. | $1,212,750,000 | $ 152,500,000 | $1,365,250,000 | | $ 930,600,000 | $ 93,150,000 | $1,023,750,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 183,900,000 | $ 14,300,000 | $ 198,200,000 | $ 8,350,000 | $ 750,000 | $ 9,100,000 |
| Feb. | $ 197,050,000 | $ 16,900,000 | $ 213,950,000 | $ 9,350,000 | $ 1,700,000 | $ 11,050,000 |
| Mar. | $ 196,700,000 | $ 21,200,000 | $ 217,900,000 | $ 8,050,000 | $ 1,400,000 | $ 9,450,000 |
| Apr. | $ 209,800,000 | $ 52,050,000 | $ 261,850,000 | $ 8,200,000 | $ 550,000 | $ 8,750,000 |
| May | $ 303,700,000 | $ 27,850,000 | $ 331,550,000 | $ 11,800,000 | $ 200,000 | $ 12,000,000 |
| June (p) | $ 184,400,000 | $ 25,150,000 | $ 209,550,000 | $ 17,050,000 | $ 350,000 | $ 17,400,000 |
| 6 Mos. | $1,275,550,000 | $ 157,450,000 | $1,433,000,000 | $ 62,800,000 | $ 4,950,000 | $ 67,750,000 |

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.




# INDUSTRY ESTIMATE
# METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

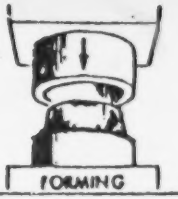
| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 122,500,000 | $ 10,700,000 | $ 133,200,000 | 883.80 | $ 65,350,000 | $ 7,200,000 | $ 72,550,000 |
| Feb. | $ 121,700,000 | $ 11,350,000 | $ 133,050,000 | 913.80 | $ 95,300,000 | $ 7,750,000 | $ 103,050,000 |
| Mar. | $ 131,900,000 | $ 14,600,000 | $ 146,500,000 | 937.80 | $ 112,350,000 | $ 10,150,000 | $ 122,500,000 |
| Apr. | $ 135,700,000 | $ 44,100,000 | $ 179,800,000 | 1,016.10 | $ 92,700,000 | $ 8,800,000 | $ 101,500,000 |
| May | $ 167,500,000 | $ 20,950,000 | $ 188,450,000 | 1,054.55 | $ 142,100,000 | $ 7,900,000 | $ 150,000,000 |
| June (p) | $ 110,550,000 | $ 21,250,000 | $ 131,800,000 | 1,034.10 | $ 138,800,000 | $ 13,450,000 | $ 152,250,000 |
| 6 Mos. | $ 789,850,000 | $ 122,950,000 | $ 912,800,000 | | $ 646,600,000 | $ 55,250,000 | $ 701,850,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 127,550,000 | $ 10,750,000 | $ 138,300,000 | $ 5,050,000 | $ 50,000 | $ 5,100,000 |
| Feb. | $ 130,600,000 | $ 12,400,000 | $ 143,000,000 | $ 8,900,000 | $ 1,050,000 | $ 9,950,000 |
| Mar. | $ 137,150,000 | $ 15,950,000 | $ 153,100,000 | $ 5,250,000 | $ 1,350,000 | $ 6,600,000 |
| Apr. | $ 141,800,000 | $ 44,200,000 | $ 186,000,000 | $ 6,100,000 | $ 100,000 | $ 6,200,000 |
| May | $ 171,250,000 | $ 21,100,000 | $ 192,350,000 | $ 3,750,000 | $ 150,000 | $ 3,900,000 |
| June (p) | $ 126,050,000 | $ 21,550,000 | $ 147,600,000 | $ 15,500,000 | $ 300,000 | $ 15,800,000 |
| 6 Mos. | $ 834,400,000 | $ 125,950,000 | $ 960,350,000 | $ 44,550,000 | $ 3,000,000 | $ 47,550,000 |

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.




# INDUSTRY ESTIMATE
# METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

| DATE | NET NEW ORDERS Domestic | Foreign | Total | Order Backlog (In Mil. $) | SHIPMENTS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|---|
| 1984 | | | | | | | |
| Jan. | $ 53,050,000 | $ 2,850,000 | $ 55,900,000 | 237.05 | $ 35,550,000 | $ 4,850,000 | $ 40,400,000 |
| Feb. | $ 66,000,000 | $ 3,850,000 | $ 69,850,000 | 262.65 | $ 40,400,000 | $ 3,850,000 | $ 44,250,000 |
| Mar. | $ 56,750,000 | $ 5,200,000 | $ 61,950,000 | 257.85 | $ 60,000,000 | $ 6,750,000 | $ 66,750,000 |
| Apr. | $ 65,900,000 | $ 7,400,000 | $ 73,300,000 | 273.90 | $ 52,300,000 | $ 4,950,000 | $ 57,250,000 |
| May | $ 124,400,000 | $ 6,700,000 | $ 131,100,000 | 344.95 | $ 52,300,000 | $ 7,750,000 | $ 60,050,000 |
| June (p) | $ 56,800,000 | $ 3,550,000 | $ 60,350,000 | 352.10 | $ 43,450,000 | $ 9,750,000 | $ 53,200,000 |
| 6 Mos. | $ 422,900,000 | $ 29,550,000 | $ 452,450,000 | | $ 284,000,000 | $ 37,900,000 | $ 321,900,000 |

| DATE | GROSS NEW ORDERS Domestic | Foreign | Total | CANCELLATIONS Domestic | Foreign | Total |
|---|---|---|---|---|---|---|
| 1984 | | | | | | |
| Jan. | $ 56,350,000 | $ 3,550,000 | $ 59,900,000 | $ 3,300,000 | $ 700,000 | $ 4,000,000 |
| Feb. | $ 66,450,000 | $ 4,500,000 | $ 70,950,000 | $ 450,000 | $ 650,000 | $ 1,100,000 |
| Mar. | $ 59,550,000 | $ 5,250,000 | $ 64,800,000 | $ 2,800,000 | $ 50,000 | $ 2,850,000 |
| Apr. | $ 68,000,000 | $ 7,850,000 | $ 75,850,000 | $ 2,100,000 | $ 450,000 | $ 2,550,000 |
| May | $ 132,450,000 | $ 6,750,000 | $ 139,200,000 | $ 8,050,000 | $ 50,000 | $ 8,100,000 |
| June (p) | $ 58,350,000 | $ 3,600,000 | $ 61,950,000 | $ 1,550,000 | $ 50,000 | $ 1,600,000 |
| 6 Mos. | $ 441,150,000 | $ 31,500,000 | $ 472,650 000 | $ 18,250,000 | $ 1,950,000 | $ 20,200,000 |

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

# QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1979 TO DATE

| | CUTTING AND FORMING | | | CUTTING | | | FORMING | | |
|---|---|---|---|---|---|---|---|---|---|
| | SHIPMENTS | | NET | SHIPMENTS | | NET | SHIPMENTS | | NET |
| DATE | Total | Foreign | NEW ORDERS | Total | Foreign | NEW ORDERS | Total | Foreign | NEW ORDERS |
| 1979-1 | $ 858,050 | $ 88,300 | $1,471,400 | $ 633,450 | $ 69,000 | $1,158 250 | $ 224,600 | $ 19,300 | $ 313,150 |
| 2 | 978,200 | 109,150 | 1,356,450 | 735,750 | 87,650 | 1,083,550 | 242,450 | 21,500 | 272,900 |
| 3 | 899,850 | 97,050 | 1,353,200 | 689,850 | 78,500 | 1,120,500 | 210,000 | 18,550 | 232,700 |
| 4 | 1,140,450 | 116,750 | 1,440,400 | 871,000 | 89,400 | 1,132,800 | 269,450 | 27,350 | 307,600 |
| Total | $3,876,550 | $411,250 | $5,621,450 | $2,930,050 | $324,550 | $4,495,100 | $ 946,500 | $ 86,700 | $1,126,350 |
| 1980-1 | $1,146,150 | $115,700 | $1,517,450 | $ 881,400 | $ 86,750 | $1,207,800 | $ 264,750 | $ 28,950 | $ 309,650 |
| 2 | 1,193,300 | 155,550 | 1,335,350 | 925,350 | 122,850 | 1,142,100 | 267,950 | 32,700 | 193,250 |
| 3 | 1,049,050 | 133,850 | 917,500 | 830,450 | 102,650 | 728,300 | 218,600 | 31,200 | 189,200 |
| 4 | 1,303,250 | 202,400 | 984,000 | 1,043,600 | 162,550 | 806,550 | 259,650 | 35,850 | 177,450 |
| Total | $4,691,750 | $607,500 | $4,754,300 | $3,680,800 | $474,800 | $3,884,750 | $1,010,950 | $ 132,700 | $ 869,550 |
| 1981-1 | $1,288,200 | $210,800 | $ 920,350 | $1,017,850 | $155,600 | $ 706,600 | $ 270,350 | $ 55,200 | $ 213,750 |
| 2 | 1,367,500 | 236,350 | 867,000 | 1,103,400 | 185,450 | 661,200 | 264,100 | 50,900 | 205,800 |
| 3 | 1,133,950 | 127,950 | 593,450 | 920,300 | 99,950 | 455,250 | 213,650 | 28,000 | 138,200 |
| 4 | 1,305,950 | 143,850 | 564,050 | 1,062,950 | 111,050 | 405,050 | 243,000 | 32,800 | 159,000 |
| Total | $5,095,600 | $718,950 | $2,944,850 | $4,104,500 | $552,050 | $2,228,100 | $ 991,100 | $ 166,900 | $ 716,750 |
| 1982-1 | $1,154,200 | $112,650 | $ 506,800 | $ 933,050 | $ 71,750 | $ 384,850 | $ 221,150 | $ 40,900 | $ 121,950 |
| 2 | 1,008,450 | 96,600 | 382,650 | 810,650 | 75,350 | 274,750 | 197,800 | 21,250 | 107,900 |
| 3 | 783,400 | 107,200 | 279,950 | 640,450 | 89,750 | 183,450 | 142,950 | 17,450 | 96,500 |
| 4 | 658,350 | 89,600 | 328,350 | 510,600 | 59,300 | 221,400 | 147,750 | 30,300 | 106,950 |
| Total | $3,604,400 | $406,050 | $1,497,750 | $2,894,750 | $296,150 | $1,064,450 | $ 709,650 | $ 109,900 | $ 433,300 |
| 1983-1 | $ 487,450 | $ 56,650 | $ 314,850 | $ 370,600 | $ 40,800 | $ 224,100 | $ 116,850 | $ 15,850 | $ 90,750 |
| 2 | 469,650 | 58,300 | 399,100 | 357,500 | 49,300 | 269,300 | 112,150 | 9,000 | 129,800 |
| 3 | 357,050 | 42,900 | 468,150 | 252,350 | 32,200 | 322,200 | 104,700 | 10,700 | 145,950 |
| 4 | 530,900 | 57,150 | 514,050 | 391,050 | 49,600 | 336,050 | 139,850 | 7,550 | 178,000 |
| Total | $1,845,050 | $215,000 | $1,696,150 | $1,371,500 | $171,900 | $1,151,650 | $ 473,550 | $ 43,100 | $ 544,500 |
| 1984-1 | $ 449,500 | $ 40,550 | $ 600,450 | $ 298,100 | $ 25,100 | $ 412,750 | $ 151,400 | $ 15,450 | $ 187,700 |
| 2P | $ 574,250 | $ 52,600 | $ 764,800 | $ 403,750 | $ 30,150 | $ 500,050 | $ 170,500 | $ 22,450 | $ 264,750 |

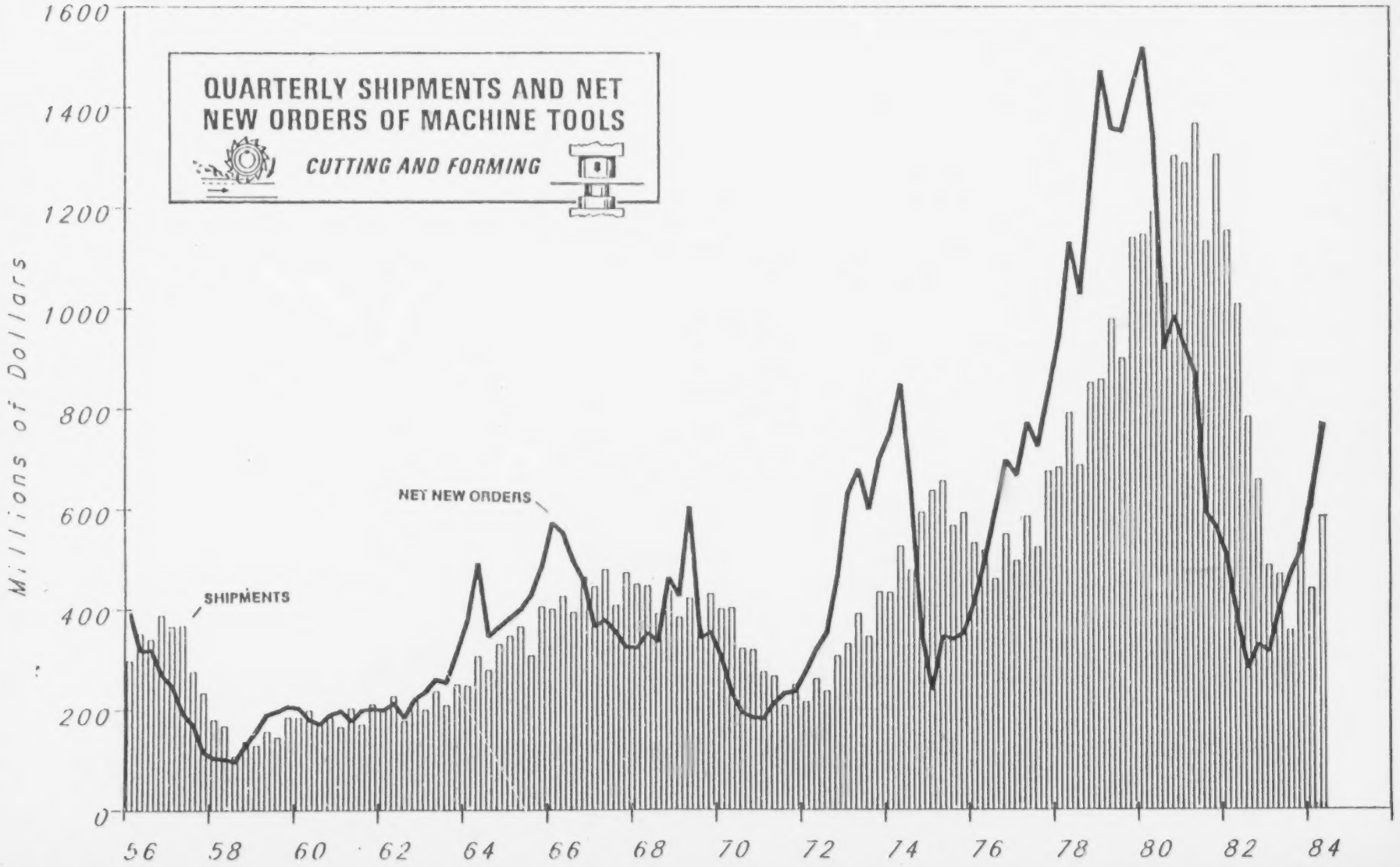
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1983, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

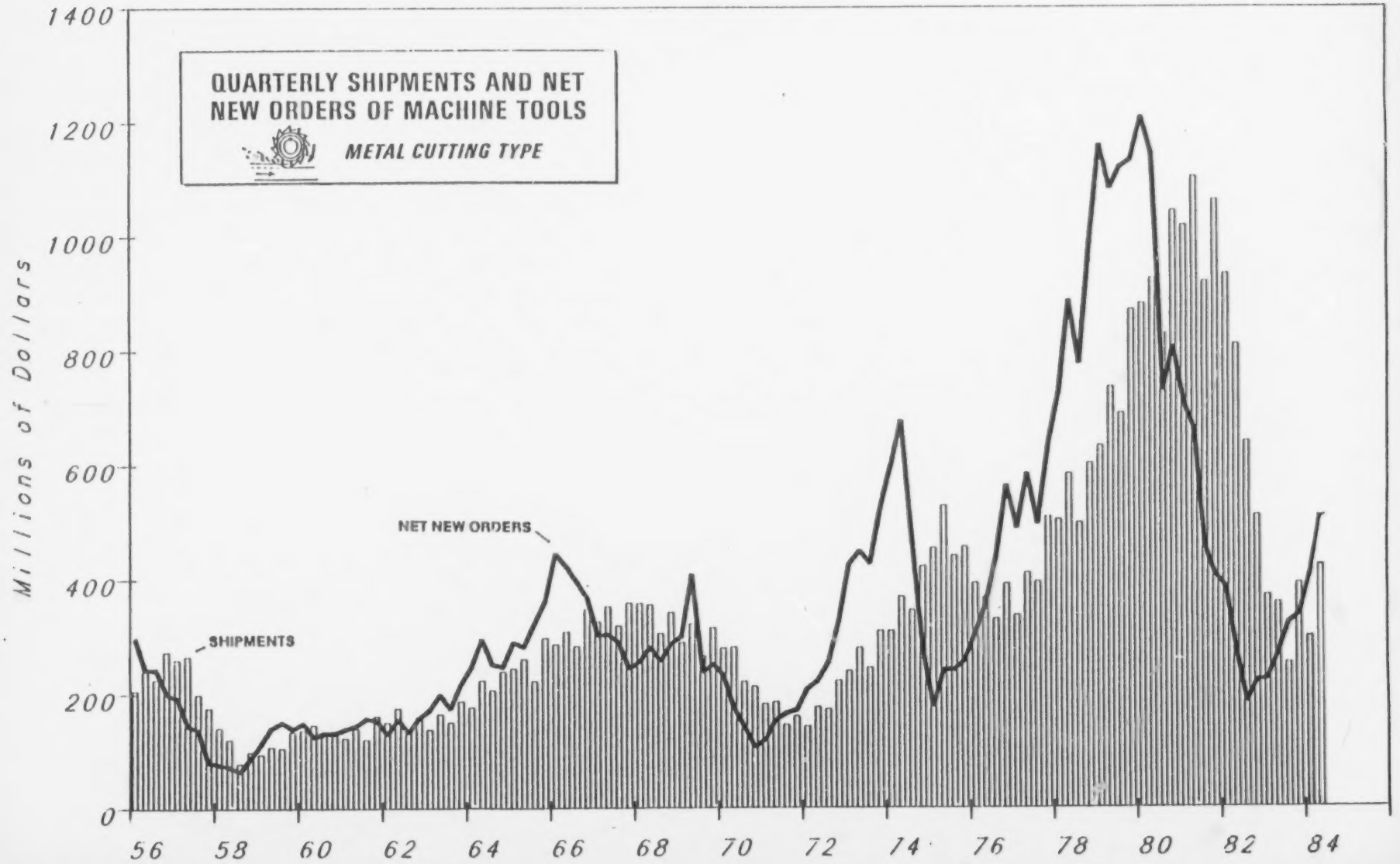
Source: National Machine Tool Builders' Association

July 30, 1984

# Total Machine Tool
## Shipments (Bar) and Net New Orders (Line)
## Quarterly, 1956:1 to 1984:2



# Metal Cutting Machine Tool
# Shipments (Bar) and Net New Orders (Line)
# Quarterly, 1956:1 to 1984:2



# Metal Forming Machine Tool Shipments (Bar) and Net New Orders (Line) Quarterly, 1956:1 to 1984:2